

KING COUNTY, **WASHINGTON AND INCORPORATED AREAS**



Volume 3 of 4

COMMUNITY	COMMUNITY	COMMUNITY	COMMUNITY
NAME	NUMBER	NAME	NUMBER
*ALGONA, CITY OF	530072	*MEDINA, CITY OF	530315
AUBURN, CITY OF	530073	*MERCER ISLAND, CITY OF	530083
*BEAUX ARTS VILLAGE, TOWN OF	530242	MUCKLESHOOT INDIAN TRIBE	530066
BELLEVUE, CITY OF	530074	NEWCASTLE, CITY OF	530134
BLACK DIAMOND, CITY OF	530272	NORMANDY PARK, CITY OF	530084
BOTHELL, CITY OF	530075	NORTH BEND, CITY OF	530085
BURIEN, CITY OF	530321	PACIFIC, CITY OF	530086
CARNATION, CITY OF	530076	REDMOND, CITY OF	530087
*CLYDE HILL, CITY OF	530279	RENTON, CITY OF	530088
COVINGTON, CITY OF	530339	SAMMAMISH, CITY OF	530337
DES MOINES, CITY OF	530077	SEATAC, CITY OF	590320
DUVALL, CITY OF	530282	SEATTLE, CITY OF	530089
ENUMCLAW, CITY OF	530319	SHORELINE, CITY OF	530327
FEDERAL WAY, CITY OF	530322	SKYKOMISH, TOWN OF	530236
*HUNTS POINT, TOWN OF	530288	SNOQUALMIE, CITY OF	530090
ISSAQUAH, CITY OF	530079	TUKWILA, CITY OF	530091
KENMORE, CITY OF	530336	WOODINVILLE, CITY OF	530324
KENT, CITY OF	530080	*YARROW POINT, TOWN OF	530309
KING COUNTY,			
UNINCORPORATED AREAS	530071		
KIRKLAND, CITY OF	530081		
LAKE FOREST PARK, CITY OF	530082		
*MAPLE VALLEY, CITY OF	530078	ANION EL CODEDONE CO	
		*NON-FLOODPRONE CO)MIMILINITIES





Federal Emergency Management Agency

Flood Insurance Study Number 53033CV003B

NOTICE TO

FLOOD INSURANCE STUDY USERS

Communities participating in the National Flood Insurance Program have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study (FIS) may not contain all data available within the repository. It is advisable to contact the community repository for any additional data.

The Federal Emergency Management Agency (FEMA) may revise and republish part or all of this FIS report at any time. In addition, FEMA may revise part of this FIS by a Letter of Map Revision process, which does not involve republication or redistribution of the FIS. Therefore, users should consult with community officials and to check the community repository to obtain the most current FIS report components.

This FIS report was revised on (effective date to be determined). Users should refer to Section 10.0, Revisions Descriptions, for further information. Section 10.0 is intended to present the most up-to-date information for specific portions of this FIS report. Therefore, users of this FIS report should be aware that the information presented in Section 10.0 may supersede information in Section 1.0 through 9.0 of this FIS report.

Effective Date: September 29, 1989

Revised Dates: May 16, 1995

May 20, 1996 March 30, 1998 November 8, 1999 December 6, 2001 April 19, 2005

TABLE OF CONTENTS

Volume 1

			<u>Page</u>
INTR	ODUCT	<u>ION</u>	1
1.1	Purpos	se of Study	1
1.2	Autho	rity and Acknowledgements	1
1.3	Coord	ination	6
	1.3.1	Revision 1 – Miller Creek	15
	1.3.2	Revision 2 – Snoqualmie River	
	1.3.3	Revision 3 – Raging River	
	1.3.4	Revision 4 – North Fork Issaquah Creek, Bear Creek, Evans Creek Fork Snoqualmie River, South Fork Skykomish River Middle Fork Snoqualmie River, North Fork Snoqualm Tate Creek, South Fork Snoqualmie River	, Upper nie River,
	1.3.5	Revision 5 – North Creek	
	1.3.6	Revision 6 – Tolt River, Upper South Fork Snoqualmie River	
	1.3.7	Revision 7 – Snoqualmie River, Issaquah Creek	
	1.3.8	Revision 8 – Patterson Creek, Lower Snoqualmie River, Springbro Cedar River, Green River	ok Creek,
<u>ARE</u>	A STUDI	<u>ED</u>	20
2.1	Scope	of Study	20
2.1	2.1.1	Revision 1 – Miller Creek.	
	2.1.2	Revision 2 – Snoqualmie River	
	2.1.3	Revision 3 – Raging River	
	2.1.4	Revision 4 – North Fork Issaquah Creek, Bear Creek, Evans Creek Fork Skykomish River, Middle Fork Snoqualmie River Middle Fork Snoqualmie River, North Fork River, Tate Creek	, South er, Upper
	2.1.5	Revision 5 – North Creek	
	2.1.6	Revision 6 – Tolt River, Upper South Fork Snoqualmie River	
	2.1.7	Revision 7 – Snoqualmie River, Issaquah Creek	
	2.1.8	Revision 8 – Cedar River, Kelsey Creek, Patterson Creek, Lower S	
	2.1.0	River, Springbrook Creek, Green River	
2.2	Comm	nunity Description	32
2.3	Princi	pal Flood Problems	37
	2.3.1	Revision 1 – Miller Creek.	
	2.3.2	Revision 2 – Snoqualmie River	
	2.3.3	Revision 3 – Raging River	

Volume 1

		2.3.4	Revision 4 – North Fork Issaquah Creek	51
		2.3.5	Revision 5 – North Creek	
		2.3.6	Revision 6 – Tolt River, Upper South Fork Snoqualmie	52
		2.3.7	Revision 7 – Snoqualmie River	52
		2.3.8	Revision 8 – Cedar River, Green River, Kelsey Creek, Patterson C	
			Snoqualmie River, Springbrook Creek	53
	2.4	Flood	Protection Measures	
		2.4.1	Revision 1 – Miller Creek	59
		2.4.2	Revision 2 – Snoqualmie River	60
		2.4.3	Revision 3 – Raging River	60
		2.4.4	Revision 4 – North Fork Issaquah Creek	60
		2.4.5	Revision 5 – North Creek	60
		2.4.6	Revision 6 – Tolt River, Upper South Fork Snoqualmie	60
		2.4.7	Revision 7 – Snoqualmie River, Issaquah Creek	60
		2.4.8	Revision 8 – Cedar River, Kelsey Creek, Patterson Creek, Green I	River60
3.0	<u>ENG</u>	INEERIN	NG METHODS	62
	3.1	Hydro	logic Analyses	62
		3.1.1	Revision 1 – Miller Creek	
		3.1.2	Revision 2 – Snoqualmie River	69
		3.1.3	Revision 3 – Raging River	69
		3.1.4	Revision 4 – North Fork Issaquah Creek, Bear Creek, South Fork	Skykomish
			River, Middle Fork Snoqualmie River, North Fork S	noqualmie
			River	70
		3.1.5	Revision 5 – North Creek	73
		3.1.6	Revision 6 – Tolt River, Upper South Fork Snoqualmie, Middle a	nd
			South Fork Snoqualmie River	
		3.1.7	Revision 7 – Snoqualmie River, Issaquah Creek	75
		3.1.8	Revision 8 – Cedar River, Kelsey Creek, Patterson Creek, Lower	Snoqualmie
			River, Springbrook Creek, Green River	78
	3.2	Hydra	ulic Analyses	81
		3.2.1	Revision 1 – Miller Creek	98
		3.2.2	Revision 2 – Snoqualmie River	100
		3.2.3	Revision 3 – Raging River	

Volume 1

		3.2.4	Revision 4	- North Fork Issaquah Creek, Bear Creek, Evans Cre		
				Creek, South Fork Skykomish River, Middle Fork		
		225	Davisian F	River, North Fork Snoqualmie River		
		3.2.5 3.2.6		North CreekTolt River, Upper South Fork Snoqualmie		
		3.2.7		- Snoqualmie River, Issaquah Creek		
		3.2.7		- Cedar River, Kelsey Creek, Patterson Creek, Lowe		
		3.2.6	Kevision o	River		
			3.2.8.1	Springbrook Creek		
			3.2.8.2	Green River		
	3.3	Vertic	al Datum		150	
4.0	FI 0.0	NDDI ATI		A CENTE A DRY AGA TRONG	1.50	
4.0	FLOC	DDPLAII	N MANAGEI	MENT APPLICATIONS	153	
	4.1	Floods	olain Roundar	ries	153	
	4.2					
				Volume 2		
5.0	INSU	RANCE	APPLICATION	ON	250	
6.0				<u>TE MAP</u>		
7.0	OTHE	ER STUI	<u> </u>		254	
0.0	1.00	TION	NE DATA		25.4	
8.0	LOCA	ATION C	<u> </u>		254	
9.0	BIBL:	IOGRAF	PHY AND RE	EFERENCES	254	
 0	<u> BIBE</u>	<u>IOOIUII</u>	III /II (D IXI	<u> </u>	25 1	
10.0	<u>REVI</u>	SION D	ESCRIPTION	<u>\S</u>	269	
	10.1					
	10.2					
	10.3					
	10.4					
	10.5					
	10.6					
	10.7 10.8					
	10.8	Eignu	i Kevisioii		2/3	

FIGURES

Volu	<u>ime 2</u>		
Figure 1 – Floodway Schematic		25	0
TAE	<u>BLES</u>		
Volu	ime 1		
Table 1 – USGS Gages		6	3
Table 2 – Summary of Discharge			
Table 3 – Summary of Elevations			
Table 4 – Manning's "n" values			
Table 5 – Datum Conversion Factors		15	1
Volu	ime 2		
Table 6 – Floodway Data		15	6
Table 7 – Community Map History			
EXH	<u>IIBIT</u>		
Volu	<u>ime 2</u>		
Exhibit 1 – Flood Profiles			
Bear Creek	Panels	01P-10P	
Bear Creek Overflow Channel	Panel	11P	
Big Soos Creek	Panels	12P-21P	
Black River	Panel	22P	
Cedar River	Panels	23P-34P	
Cherry Creek	Panel	35P	
Coal Creek	Panels	36P-39P	
Des Moines Creek	Panel	40P	
East Branch of West Tributary Kelsey Creek	Panels	41P-44P	
East Fork Issaguah Creek	Panels	45P-47P	

EXHIBIT (continued)

Volume 2 (continued)

Evans Creek	Panels	48P-49P
Vo	olume 3	
Forbes Creek	Panels	50P-54P
Gardiner Creek	Panel	55P
Gilman Boulevard Overflow Issaquah Creek	Panel	56P
Green River	Panels	57P-78P
Holder Creek	Panel	79P
Issaquah Creek	Panels	80P-87P
Kelsey Creek	Panels	88P-95P
Little Bear Creek	Panels	96P-97P
Longfellow Creek	Panels	98P-102P
Lower Overflow	Panel	103P
Lyon Creek	Panels	104P-105P
Maloney Creek	Panels	106P
May Creek	Panels	107P-112P
May Creek Tributary	Panel	113P
McAleer Creek	Panels	114P-115P
Mercer Creek	Panel	116P
Meydenbauer Creek	Panels	117P-118P
Middle Fork Snoqualmie River	Panels	119P-124P
Middle Overflow	Panel	125P
Mill Creek-Auburn	Panels	126P-131P
Mill Creek-Kent	Panels	132P-136P
Miller Creek	Panels	137P-140P
North Branch Mercer Creek (North Valley)	Panels	141P-145P
North Creek	Panels	146P-147P
North Fork Issaquah Creek	Panel	148P
North Fork Meydenbauer Creek	Panel	149P
North Fork Snoqualmie River	Panels	150P-151P
North Fork Thornton Creek	Panels	152P-157P
Patterson Creek	Panels	158P-161P
Patterson Creek Overflow Reach	Panel	162P
Raging River	Panels	163P-170P
Richards Creek	Panels	171P-182P
<u>Vc</u>	olume 4	
Richards Creek East Tributary	Panel	183P
Richards Creek West Tributary	Panel	184P
Right Channel Mercer Creek	Panel	185P
	2 41101	

EXHIBIT (continued)

Volume 4 (continued)

Rolling Hills Creek	Panel	186P
Sammamish River	Panels	187P-188P
Snoqualmie River	Panels	189P-204P
Snoqualmie River Overflow Reach 1	Panels	205P-206P
Snoqualmie River Overflow Reach 2	Panels	207P-208P
Snoqualmie River Overflow Reach 3	Panels	209P-210P
Snoqualmie River Overflow Reach 4	Panel	211P
Snoqualmie River Overflow Reach 5	Panels	212P-213P
Snoqualmie River Overflow Reach 6	Panel	214P
South Fork Skykomish River	Panels	215P-225P
South Fork Snoqualmie River (Without Levee)	Panel	226P
South Fork Snoqualmie River (With Levee)	Panels	227P-233P
South Fork Snoqualmie River (Without Left Levee)	Panels	234P-238P
South Fork Snoqualmie River (Without Right Levee)	Panels	239P-243P
South Fork Thornton Creek	Panels	244P-248P
Springbrook Creek	Panels	249P-253P
SW 23 rd Street Drainage Channel	Panel	254P
Swamp Creek	Panels	255P-257P
Swamp Creek Overbank	Panel	258P
Thornton Creek	Panels	259P-261P
Tibbetts Creek	Panels	262P-266P
Tolt River (With Levee)	Panels	267P-269P
Tolt River (Without Left Levee)	Panel	270P
Tolt River (Without Right Levee)	Panel	271P
Upper North Overflow	Panel	272P
Upper South Overflow	Panel	273P
Vasa Creek	Panel	274P
Walker Creek	Panel	275P
West Fork Issaquah Creek	Panels	276P-277P
West Tributary Kelsey Creek	Panels	278P-282P
White River	Panels	283P-284P
White River (Left Bank Overflow)	Panel	285P
Yarrow Creek	Panels	286P-287P

PUBLISHED SEPARATELY

Flood Insurance Rate Map Index

Flood Insurance Rate Maps









































































































































































































































































